

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 2 Laboratory 2890 Woodbridge Avenue Edison , New Jersey 08837 732-906-6886 Phone 732-906-6165 Fax

July 24, 2013

John Kushwara Monitoring & Assessment Branch DESA/MAB Edison, NJ 08837

RE: BPS - School#7 - 1306058

Joe R. Amlon

Enclosed are the results of analyses for samples received by the laboratory on 06/26/2013. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1306058 and contact John Birri by phone at 732-906-6886, or via Email at birri.john@epa.gov.

Sincerely,

John R. Bourbon

Chief, DESA/LB



Project:BPS - School#7 - 1306058 Project Number: 1306058

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

| Condition | Commonto |
|-----------|----------|
| Condition | Comments |

None

Comment(s):

None

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

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SUMMARY REPORT FOR SAMPLES

| Field ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|---------|------------------|------------------|
| 00SCH#7FRBLANK | 1306058-01 | Aqueous | 06/26/2013 11:07 | 06/26/2013 14:00 |
| 01BSKIINPREP01F | 1306058-02 | Aqueous | 06/26/2013 11:10 | 06/26/2013 14:00 |
| 02BSKIINPREP02F | 1306058-03 | Aqueous | 06/26/2013 11:10 | 06/26/2013 14:00 |
| 03BSHABYCR0201A | 1306058-04 | Aqueous | 06/26/2013 11:17 | 06/26/2013 14:00 |
| 04BSHABYCR0202A | 1306058-05 | Aqueous | 06/26/2013 11:17 | 06/26/2013 14:00 |
| 05BSTCINTEAC01F | 1306058-06 | Aqueous | 06/26/2013 11:20 | 06/26/2013 14:00 |
| 06BSTCINTEAC02F | 1306058-07 | Aqueous | 06/26/2013 11:20 | 06/26/2013 14:00 |
| 07BSHABYBOIL01A | 1306058-08 | Aqueous | 06/26/2013 11:24 | 06/26/2013 14:00 |
| 08BSHABYBOIL02A | 1306058-09 | Aqueous | 06/26/2013 11:24 | 06/26/2013 14:00 |
| 09BSHABYKDGB21A | 1306058-10 | Aqueous | 06/26/2013 11:28 | 06/26/2013 14:00 |
| 11BSCRINKDGB21A | 1306058-11 | Aqueous | 06/26/2013 11:31 | 06/26/2013 14:00 |
| 12BSCRINKDGB22A | 1306058-12 | Aqueous | 06/26/2013 11:31 | 06/26/2013 14:00 |
| 13BSCRINKDGA21F | 1306058-13 | Aqueous | 06/26/2013 11:38 | 06/26/2013 14:00 |
| 14BSCRINKDGA22F | 1306058-14 | Aqueous | 06/26/2013 11:38 | 06/26/2013 14:00 |
| 1501BRINNURS01F | 1306058-15 | Aqueous | 06/26/2013 11:52 | 06/26/2013 14:00 |
| 1601BRINNURS02F | 1306058-16 | Aqueous | 06/26/2013 11:52 | 06/26/2013 14:00 |
| 1901CRINCR1601F | 1306058-17 | Aqueous | 06/26/2013 12:03 | 06/26/2013 14:00 |
| 2001CRINCR1602F | 1306058-18 | Aqueous | 06/26/2013 12:03 | 06/26/2013 14:00 |
| 2101HABYCR1601A | 1306058-19 | Aqueous | 06/26/2013 12:08 | 06/26/2013 14:00 |
| 2201HABYCR1602A | 1306058-20 | Aqueous | 06/26/2013 12:08 | 06/26/2013 14:00 |
| 2301CRINCR1701A | 1306058-21 | Aqueous | 06/26/2013 12:12 | 06/26/2013 14:00 |
| 2401CRINCR1702A | 1306058-22 | Aqueous | 06/26/2013 12:12 | 06/26/2013 14:00 |
| 2501HABYBOYS21A | 1306058-23 | Aqueous | 06/26/2013 12:17 | 06/26/2013 14:00 |
| 2601HABYBOYS22A | 1306058-24 | Aqueous | 06/26/2013 12:17 | 06/26/2013 14:00 |
| 2702HABYCR2501A | 1306058-25 | Aqueous | 06/26/2013 12:24 | 06/26/2013 14:00 |
| 2802HABYCR2502A | 1306058-26 | Aqueous | 06/26/2013 12:24 | 06/26/2013 14:00 |
| 2902HABYCR3001A | 1306058-27 | Aqueous | 06/26/2013 12:30 | 06/26/2013 14:00 |
| 3002HABYCR3002A | 1306058-28 | Aqueous | 06/26/2013 12:30 | 06/26/2013 14:00 |
| | | | | |

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Project:BPS - School#7 - 1306058 Project Number: 1306058

SUMMARY REPORT FOR METHODS

| Analysis | Method | Certification | Matrix |
|----------|-------------------------------|---------------|---------|
| Lead | EPA 200.8 / SOP C-112 Rev 3.2 | NELAP | Aqueous |

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Project:BPS - School#7 - 1306058

Project Number: 1306058

| | | | | Reporting | | |
|-----------|-----------------|--------|-----------|-----------|-----------------|--------|
| | Analyte | Result | Qualifier | Limit | Units | |
| Field ID: | 00SCH#7FRBLANK | | | S | ample ID: 13060 | 058-01 |
| Meta | ls ICPMS | | | | | |
| | Lead | | U | 1.0 | ug/L | |
| Field ID: | 01BSKIINPREP01F | | | S | ample ID: 13060 | 058-02 |
| Meta | ls ICPMS | | | | | |
| | Lead | 1.7 | | 1.0 | ug/L | |
| Field ID: | 02BSKIINPREP02F | | | S | ample ID: 13060 | 058-03 |
| Meta | ls ICPMS | | | | | |
| | Lead | 1.2 | | 1.0 | ug/L | |
| Field ID: | 03BSHABYCR0201A | | | S | ample ID: 13060 | 058-04 |
| Meta | ls ICPMS | | | | | |
| | Lead | 20 | | 1.0 | ug/L | |
| Field ID: | 04BSHABYCR0202A | | | S | ample ID: 13060 | 058-05 |
| Meta | ls ICPMS | | | | | |
| | Lead | 6.1 | | 1.0 | ug/L | |
| Field ID: | 05BSTCINTEAC01F | | | S | ample ID: 13060 | 058-06 |
| Meta | ls ICPMS | | | | | |
| | Lead | 1.9 | | 1.0 | ug/L | |
| Field ID: | 06BSTCINTEAC02F | | | S | ample ID: 13060 | 058-07 |
| Meta | ls ICPMS | | | | | |
| | Lead | 1.4 | | 1.0 | ug/L | |
| | | | | | | |

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Project:BPS - School#7 - 1306058

Project Number: 1306058

| Analyte | | Result | Qualifier | Reporting Limit | g Units | |
|-----------------------|--------|--------|-----------|--------------------|------------------|--------|
| Field ID: 07BSHABYBO | OIL01A | | | 5 | Sample ID: 13060 | 058-08 |
| Metals ICPMS | | | | | | |
| Lead | | 5.9 | | 1.0 | ug/L | |
| Field ID: 08BSHABYBO | OIL02A | | | • | Sample ID: 13060 | 058-09 |
| Metals ICPMS | | | | | | |
| Lead | | 1.6 | | 1.0 | ug/L | |
| Field ID: 09BSHABYKD | GB21A | | | 5 | Sample ID: 13060 | 058-10 |
| Metals ICPMS | | | | | | |
| Lead | | 13 | | 1.0 | ug/L | |
| Field ID: 11BSCRINKDO | GB21A | | | 5 | Sample ID: 13060 | 058-11 |
| Metals ICPMS | | | | | | |
| Lead | | 4.4 | | 1.0 | ug/L | |
| Field ID: 12BSCRINKDO | GB22A | | | \$ | Sample ID: 13060 | 058-12 |
| Metals ICPMS | | | | | | |
| Lead | | 4.1 | | 1.0 | ug/L | |
| Field ID: 13BSCRINKDO | GA21F | | | 5 | Sample ID: 13060 | 058-13 |
| Metals ICPMS | | | | | | |
| Lead | | 4.2 | | 1.0 | ug/L | |
| Field ID: 14BSCRINKDO | GA22F | | | \$ | Sample ID: 13060 | 058-14 |
| Metals ICPMS | | | | | | |
| Lead | | 4.6 | | 1.0 | ug/L | |

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Project:BPS - School#7 - 1306058

Project Number: 1306058

| | Analyte | Result | Qualifier | Reportin Limit | | |
|--------------|----------------|--------|-----------|-------------------|-----------------|--------|
| Field ID: 15 | 501BRINNURS01F | | | [| Sample ID: 1306 | 058-15 |
| Metals | ICPMS | | | | | |
|] | Lead | 4.8 | | 1.0 | ug/L | |
| Field ID: 16 | 501BRINNURS02F | | | [| Sample ID: 1306 | 058-16 |
| Metals | ICPMS | | | | | |
|] | Lead | 2.7 | | 1.0 | ug/L | |
| Field ID: 19 | 001CRINCR1601F | | | [| Sample ID: 1306 | 058-17 |
| Metals | ICPMS | | | | | |
|] | Lead | 3.6 | | 1.0 | ug/L | |
| Field ID: 20 | 001CRINCR1602F | | | [| Sample ID: 1306 | 058-18 |
| Metals | ICPMS | | | | | |
|] | Lead | | U | 1.0 | ug/L | |
| Field ID: 21 | 01HABYCR1601A | | | [| Sample ID: 1306 | 058-19 |
| Metals | ICPMS | | | | | |
|] | Lead | | U | 1.0 | ug/L | |
| Field ID: 22 | 201HABYCR1602A | | | [| Sample ID: 1306 | 058-20 |
| Metals | ICPMS | | | | | |
| | Lead | | U | 1.0 | ug/L | |
| Field ID: 23 | B01CRINCR1701A | | | [| Sample ID: 1306 | 058-21 |
| | | | | - | | |

Metals ICPMS

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Project Number: 1306058

| | Analyte | Result | Qualifier | Reportir Limit | | |
|-------------|-----------------|--------|-----------|-------------------|------------------|--------|
| Field ID: 2 | 2301CRINCR1701A | | | | Sample ID: 13060 | 058-21 |
| Meta | ls ICPMS | | | | | |
| | Lead | 1.4 | | 1.0 | ug/L | |
| Field ID: 2 | 2401CRINCR1702A | | | | Sample ID: 13060 |)58-22 |
| Meta | Is ICPMS | | | | | |
| | Lead | | U | 1.0 | ug/L | |
| Field ID: 2 | 2501HABYBOYS21A | | | | Sample ID: 13060 | 058-23 |
| Meta | Is ICPMS | | | | | |
| | Lead | 23 | | 1.0 | ug/L | |
| Field ID: 2 | 2601HABYBOYS22A | | | | Sample ID: 13060 | 058-24 |
| Meta | ls ICPMS | | | | | |
| | Lead | 12 | | 1.0 | ug/L | |
| Field ID: 2 | 2702HABYCR2501A | | | | Sample ID: 13060 | 058-25 |
| Meta | ls ICPMS | | | | | |
| | Lead | 68 | | 5.0 | ug/L | |
| Field ID: 2 | 2802HABYCR2502A | | | | Sample ID: 13060 | 058-26 |
| Meta | ls ICPMS | | | | | |
| | Lead | 21 | | 1.0 | ug/L | |
| Field ID: 2 | 2902HABYCR3001A | | | | Sample ID: 13060 | 058-27 |
| Metal | Is ICPMS | | | | | |
| | Lead | 13 | | 1.0 | ug/L | |

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Lead

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region 2 Laboratory

Project:BPS - School#7 - 1306058 Project Number: 1306058

| Analyte | Reporting Result Qualifier Limit Units |
|---------------------------|---|
| Field ID: 3002HABYCR3002A | Sample ID: 1306058-28 |
| Metals ICPMS | |

1.7

1.0

ug/L

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